

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>APPLIED MATERIALS INC /DE</u>			2. Issuer Name and Ticker or Trading Symbol <u>ADESTO TECHNOLOGIES Corp [IOTS]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 10/30/2015					
3050 BOWERS AVENUE			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(Street) SANTA CLARA CA 95054								
(City) (State) (Zip)								

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	10/30/2015		C		417,224	A	(1)	417,224	I	See footnote(2)
Common Stock	10/30/2015		C		40,491	A	(3)	457,715	I	See footnote(2)
Common Stock	10/30/2015		C		1,050,936	A	(4)	1,508,651	I	See footnote(2)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series A Preferred Stock	(1)	10/30/2015		C		157,828		(1)	(1)	Common Stock	157,828	(1)	0	I	See footnote(2)
Series B Preferred Stock	(1)	10/30/2015		C		176,275		(1)	(1)	Common Stock	176,275	(1)	0	I	See footnote(2)
Series C Preferred Stock	(1)	10/30/2015		C		56,722		(1)	(1)	Common Stock	56,722	(1)	0	I	See footnote(2)
Series D Preferred Stock	(3)	10/30/2015		C		39,196		(3)	(3)	Common Stock	40,491	(3)	0	I	See footnote(2)
Series D-1 Preferred Stock	(1)	10/30/2015		C		26,399		(1)	(1)	Common Stock	26,399	(1)	0	I	See footnote(2)
Series E Preferred Stock	(4)	10/30/2015		C		106,326		(4)	(4)	Common Stock	1,050,936	(4)	0	I	See footnote(2)

1. Name and Address of Reporting Person*
APPLIED MATERIALS INC /DE

(Last) (First) (Middle)
3050 BOWERS AVENUE

(Street)
SANTA CLARA CA 95054

(City) (State) (Zip)

1. Name and Address of Reporting Person*
Applied Ventures, LLC

(Last) (First) (Middle)

3050 BOWERS AVE.

(Street)

SANTA CLARA CA 95054

(City)

(State)

(Zip)

Explanation of Responses:

1. In connection with the consummation of the Issuer's initial public offering on October 30, 2015, each share of Series A Preferred Stock, Series B Preferred Stock, Series C Preferred Stock and Series D-1 Preferred Stock automatically converted into one share of Common Stock, for no additional consideration, and had no expiration date. All shares of Common Stock issued upon conversion were aggregated.
2. Shares are owned directly by Applied Ventures, LLC ("Ventures"), a wholly owned subsidiary of Applied Materials, Inc. ("Applied"). Applied is the indirect beneficial owner of the reported securities.
3. In connection with the consummation of the Issuer's initial public offering, each share of Series D Preferred Stock automatically converted into 1.0330576 shares of Common Stock, for no additional consideration, and had no expiration date. All shares of Common Stock issued upon conversion were aggregated.
4. In connection with the consummation of the Issuer's initial public offering, each share of Series E Preferred Stock automatically converted into 9.8841 shares of Common Stock, for no additional consideration, and has no expiration date. All shares of Common Stock issued upon conversion were aggregated.

Remarks:

Exhibit 99.1 - Joint Filer Information, incorporated herein by reference.

APPLIED MATERIALS, INC.,
By: /s/ Thomas F. Larkins,
Name: Thomas F. Larkins, Title: 11/03/2015
Senior Vice President, General
Counsel and Corporate
Secretary

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

Joint Filer Information

Name of Joint Filer: Applied Ventures, LLC
Address of Joint Filer: 3050 Bowers Ave.
Santa Clara, CA 95054
Relationship of Joint Filer to Issuer: 10% Owner
Issuer Name and Ticker or Trading Symbol: Adesto Technologies Corporation
[IOTS]
Date of Earliest Transaction Required
to be Reported (Month/Day/Year): 10/30/2015
Designated Filer: Applied Materials, Inc.

Signature:

APPLIED VENTURES, LLC

/s/ Hann-Ching Chao

Name: Hann-Ching Chao
Title: General Manager, Investment Director

November 3, 2015
Date